USER GUIDE

Read Before Use!







RCT 930



RCT 940





WARNING: FAILURE TO FOLLOW THIS GUIDE MAY RESULT IN SERIOUS INJURY! USING THIS MACHINE WITH RESPECT AND CAUTION WILL CONSIDERABLY REDUCE THE RISK OF PERSONAL INJURY.

SAFETY GUIDE FOR THE MAGNUM™ RCT SERIES

1.....**READ AND UNDERSTAND THIS INSTRUCTION MANUAL BEFORE OPERATING THE RCT.**

2.....If you are not thoroughly familiar with the operation of the RCT Shear, obtain advice from a qualified instructor or call 800-406-8998 (Intl.: 208-772-0175).

3.....Stay alert. Do not operate while under the influence of drugs, alcohol, or medication.

4.....Always wear safety approved eye protection with side shields (ANSI Z87.1).

5.....Keep work area clean and free of debris.

6.....Recommended operating temperature range: 20° F (-6° C) to 115° F (46° C)

7.....Keep children and unauthorized persons away from the Shear and work area.

8.....Make sure tool is secure. Operate only on a firm substrate or solid stand.

9.....Use the right tool. Do not force the RCT Shear or use it for a job for which it was not intended; the RCT Shear is designed to cut carpet tile, VCT, LVT, PVC tile, vinyl tile & residential grade/low-pressure laminate flooring. See Cut Guide page 7.

10...Keep blade sharp. A dull blade will not perform properly.

11...Always keep hands away from blade while operating or carrying.

12...Do not alter or misuse this tool. The RCT Shear is precision built; modifications not specified in this manual may result in a dangerous condition.

13...Maintain RCT Shear with care. Keep blade sharp and clean. Follow instructions for lubricating and changing accessories. See page 5.

14...Use only recommended accessories. The use of improper accessories may cause hazards or injury.

15...Never leave the RCT Shear unattended. Secure the handle with the Safety Lock when not in use. See page 4.

16...Warning: The dust generated by cutting certain wood, wood fiber and/or PVC products can be hazardous to your health. The RCT Shear generally does not produce any dust; however, minimal creation of dust may be possible. Avoid ingesting any dust created through cutting.



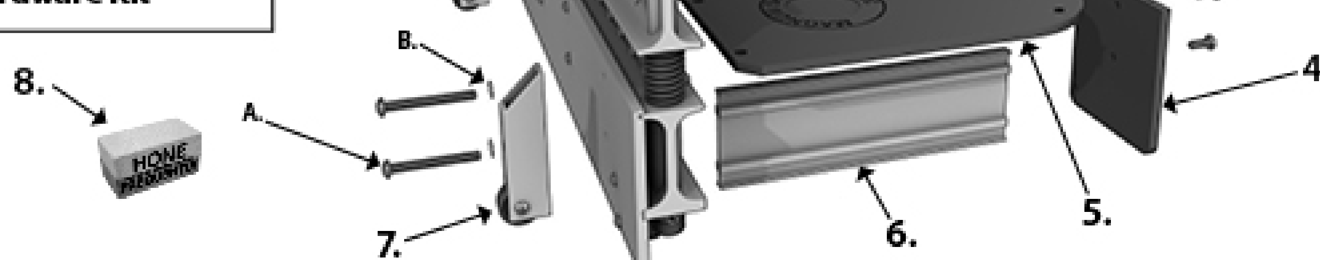
IN THE BOX

WELCOME! YOUR MAGNUM™ RCT SHEAR COMES READY TO ASSEMBLE.*

Please Review and Verify Parts Included in Box:

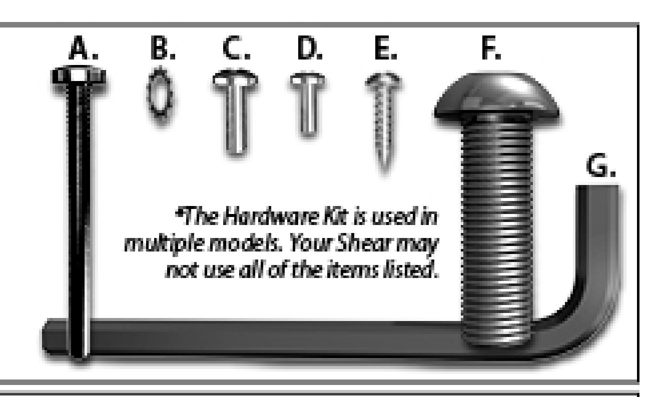
*You will need #2 & #3 Phillips head screwdrivers and a 1/2" (13mm) socket or wrench.

1. Power Assembly
2. Handle Assembly
3. Angle Guide
4. Tails (2)
5. Table
6. Rails (2)
7. Casters (2)
8. Hone Stone
9. **Hardware Kit**



HARDWARE KIT

Item A. (4) 8mm x 80mm PH Phillips Machine Screws
Item B. (4) M8 Star Washers
Item C. (4) 8mm x 25mm PH Phillips Machine Screws
Item D. (8) 6mm x 16mm PH PHillips Machine Screws
Item E. (4) #10 x 1 PH Phillips Self Tapping Screws
Item F. (1) M16 x 40 BHCS (Pre-Installed in Cam)
Item G. (1) 10mm Hex Wrench



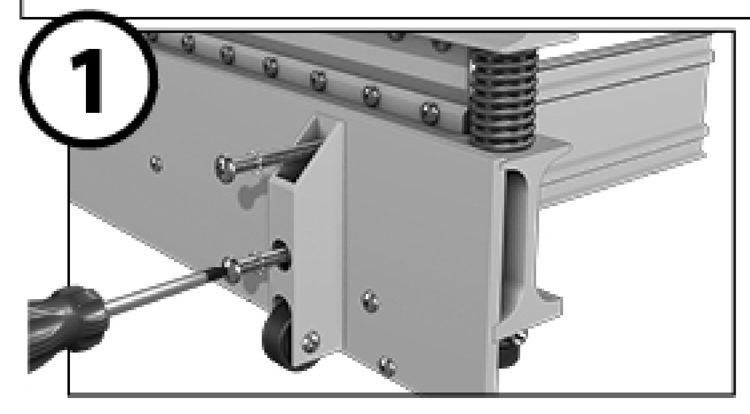
ASSEMBLY

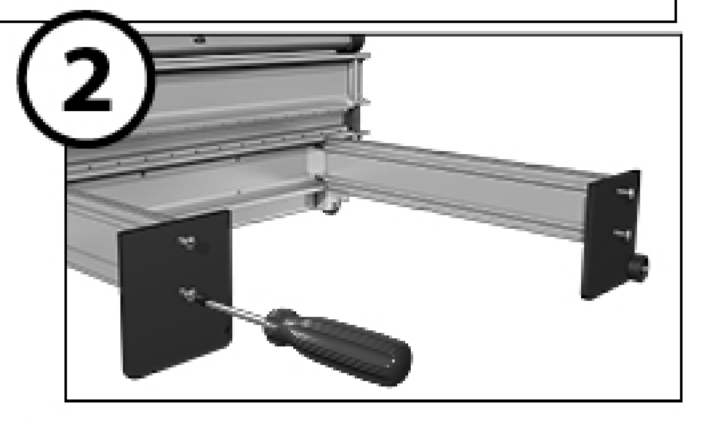
1. ATTACH RAILS

Thread *Item A* screws with *Item B* star washers through casters. Attach rails to Power Assembly base using *Item A* screws.

2. ATTACH TAILS

Attach tails to rails using *Item C* machine screws. Make sure holes in tails are facing up.





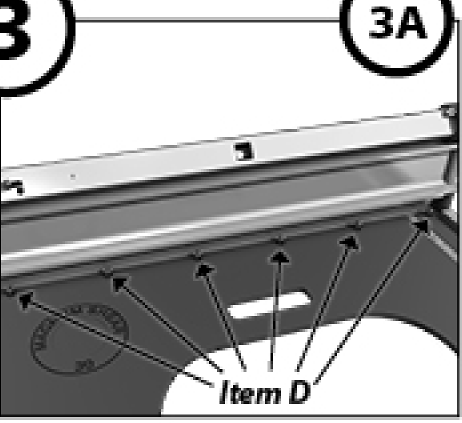
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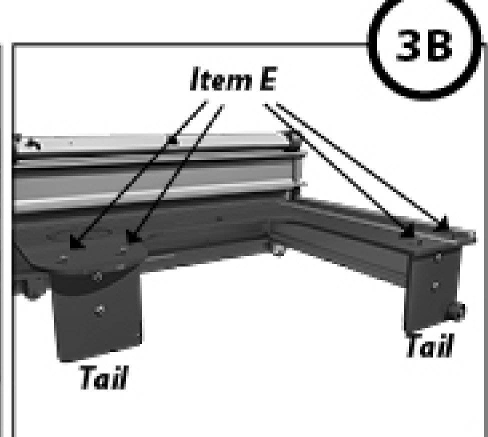
3. ATTACH TABLE

3

A. Attach front of table to base, using *Item D* screws. Tighten with #3 Phillips.

B. Attach tails to back of table with *Item E* self tapping screws. Tighten with #2 Phillips.







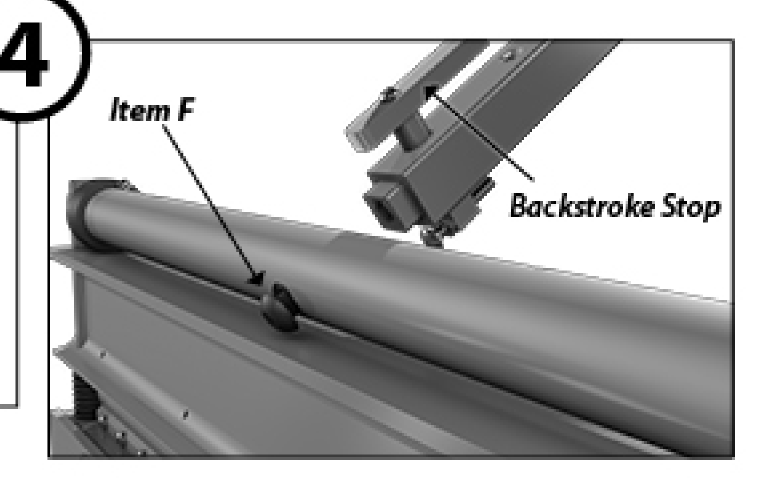
Always keep hands away from blade.

4. TO ATTACH HANDLE:

4

Insert handle into cam shaft.
Note: Backstroke Stop must be on top!
Tighten *Item F* Bolt (pre-installed in cam shaft) with 10mm hex wrench *Item G* (Included).

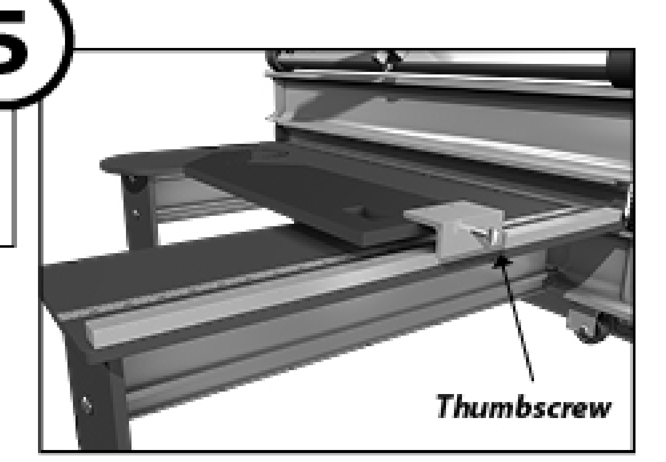
Note: Do not remove plastic tie and orange tag until handle is bolted in place.



5. ATTACH ANGLE GUIDE

5

Install angle guide and tighten thumbscrew.



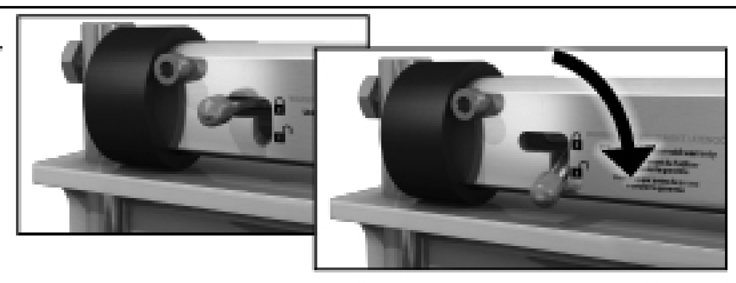


MAKING CUTS

⚠WARNING
VERY SHARP BLADE

Caution! Wear hand and eye protection while operating your shear.

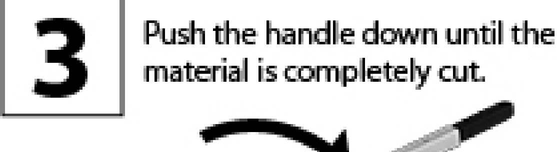
1 Unlock safety lock by sliding knob over and down.



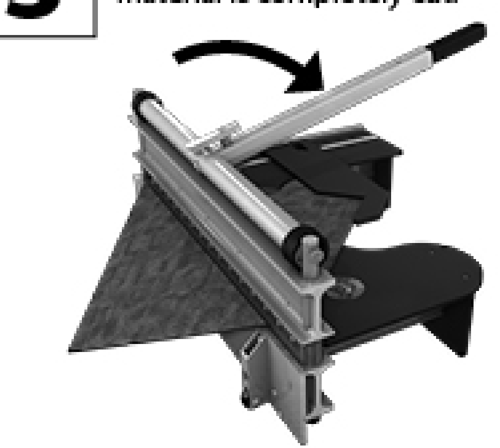


2 Place product on table. Bring handle down until blade touches material.





3 Push the handle down until the material is completely cut.

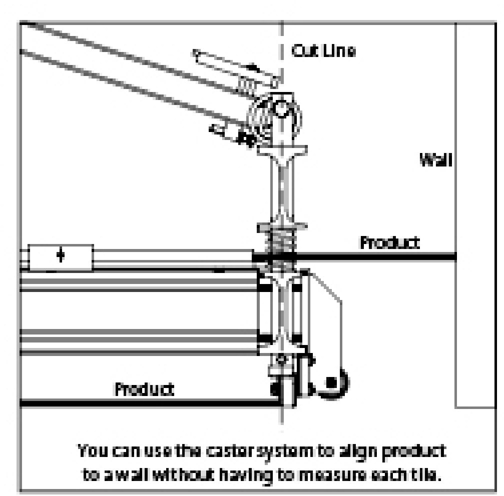


Using the Wall Gauge

RCT Shears are equipped with casters set in-line with the blade for quick cuts along a wall. To use the caster "wall gauge":

1) Set your shear on the last full tile row and slide it so the left-right aligned casters drop off the tile and onto the substrate.
2) Pull the shear away from the wall until the casters are touching the last row of full tiles.
3) Place a new tile under the blade and slide it forward until it just touches the wall.
4) Make your cut* and roll the shear to the next spot.
5) Drop your freshly cut tile into place.

**Some designer tiles should be cut upside-down.*



You can use the caster system to align product to a wall without having to measure each tile.

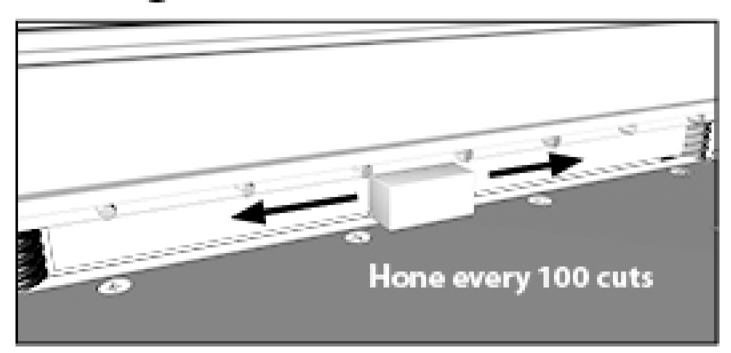
Most materials listed on page 7 shear cleanly with just one cut. However, some types of laminate flooring and thick resilient tile may require cutting twice to produce a better cut.

DOUBLE CUTTING: Simply make your first cut 1/8" to 1/4" (3mm to 6mm) longer than your mark and then make a second cut on your mark. This is very useful to create a cleaner cut on exposed ends or when you cannot cover the cut edge with molding or trim.

DO NOT USE ON HIGH PRESSURE LAMINATE OR SOLID WOOD!

MAINTENANCE

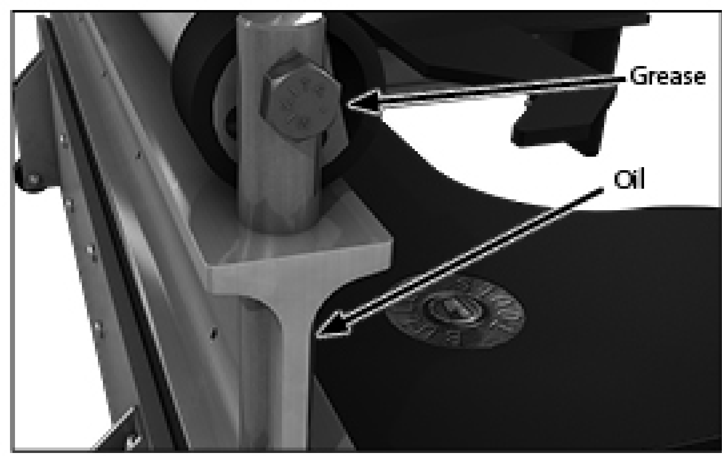
Honing the Blade



Push the handle down until blade is 1/4" (6mm) open. Lay the hone stone against the flat face of the blade (side toward the table). Slide from end to end 2 or 3 times.

Replacement Blade for RCT930 is part #930B
Replacement Blade for RCT940 is part #940B

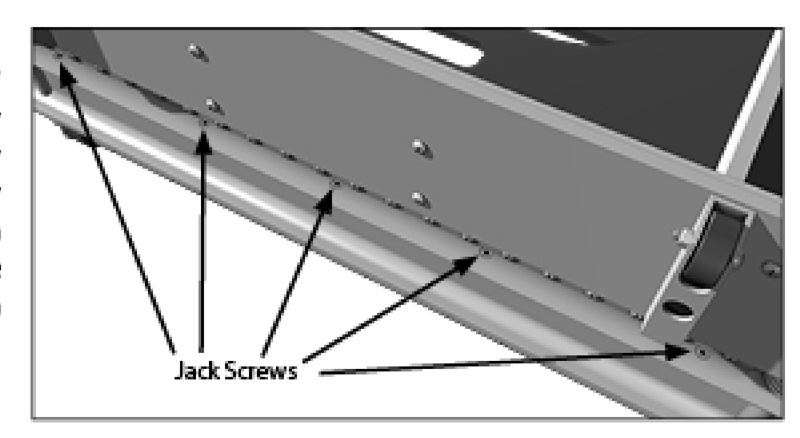
Greasing / Lubricating



After every 100 cuts, lubricate the wear points of the pins and the bearings as shown. Use a light oil (i.e. 10W motor oil). This will prevent the machine from wearing out prematurely. Apply grease (wheel bearing grease) frequently to the bearings where indicated.

Adjusting the Blade

Your shear is equipped with adjustment "jack" screws for fine tuning the angle of your blade or compensating for small blades (Blades get smaller every time they are re-sharpened). To tilt your blade, turn the machine upside down - loosen (but don't remove) the blade screws. Adjust the jack screws to desired position with 5/32" or 4mm Allen wrench.



The Blade Stop

The blade stop may become worn. Remove anvil, turn blade stop over for more use. Replacements can be purchased at your dealer.

Sharpening the blade

The blade can be sharpened to restore a one-side, 21° - 22° knife edge. It is important to note that the blade must be sharpened only on the beveled side, leaving the flat side flat.

We recommend that power grinding only be done professionally, as the blade must be fluid cooled during this process.

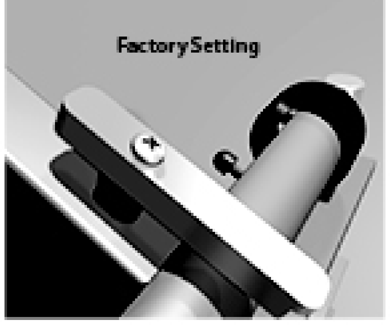


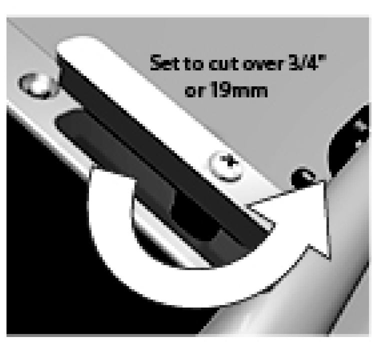
⚠WARNING
VERY SHARP BLADE

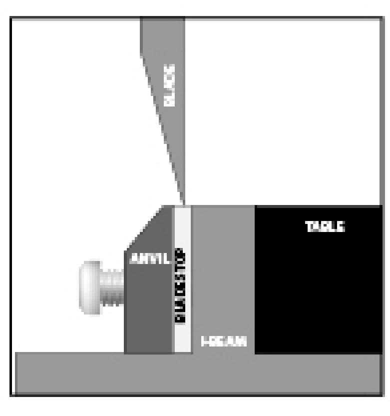
CUSTOM SETTINGS

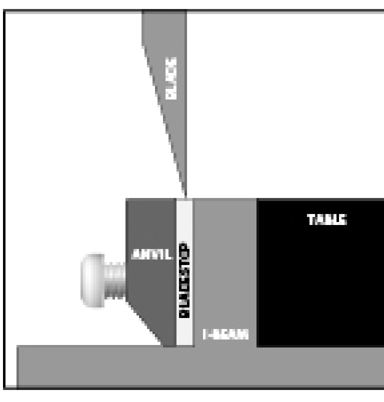
Backstroke Stop

To cut approved products over 3/4" (19mm) thick, loosen Phillips head screw on the Backstroke Stop; turn the Backstroke Stop 180° and tighten screw. For more convenience when cutting thinner products, restore factory setting.









The Anvil

The Anvil has two edges: a 1/32" (0.75mm) narrow edge and a 3/16" (4.5mm) wide edge. Either edge can be used according to the support needed to make a clean cut. (Some soft-backed products require the wider anvil edge).

To Change Between Anvil Edges

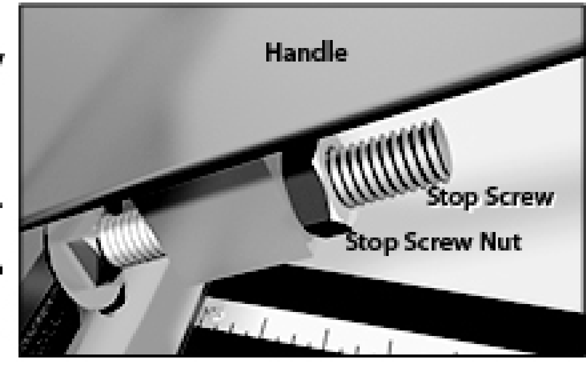
Simply remove the anvil screws and flip the anvil over. Ensure blade stop is in place.

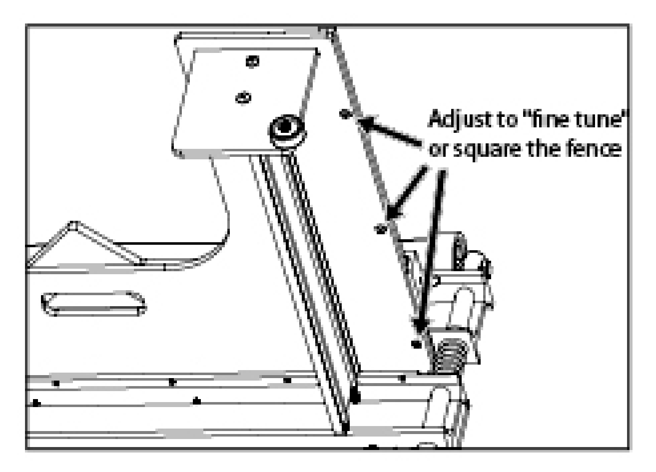
Cutting Depth

You may need to adjust the height of the blade to cut all the way through your product. You can do this by:

Adjusting the Stop Screw

1. Loosen the stop screw nut and turn stop screw until it is loose. Release handle to open blade.
2. Push the handle down until the blade is resting on the "blade stop"
3. Adjust stop screw until it makes contact with the power assembly.





Fine Tune your fence:

The fence on RCT Magnum Shears is adjustable to ½ a degree in either direction of square. To make a fine adjustment:

1) Loosen (but do not remove) the three phillips screws which secure the fence.
2) Rotate the fence to the desired angle.
3) Re-tighten the three phillips screws.



Your RCT Shear cuts a wide variety of products. Please refer to this cut guide for recommended products and thicknesses.

RCT CUT GUIDE

Maximum Thickness = 25mm or 1"

Material
Carpet Tile
Commercial Vinyl Tile
Luxury Vinyl Tile
Parquet
PVC Tile
Rubber Cove Base
Rubber Tile
Soft Plastic
Garage Tile

***Please note**: Approved materials may vary in density and hardness. If extreme pressure is required to cut a product, it may result in damage to your machine. Please contact Bullet Tools before proceeding. Warranty is void if an unapproved product damages the machine.*

WARRANTY

30 Day Satisfaction Guarantee

Bullet Tools™ is confident that you will be absolutely pleased with the purchase of our product. If, for any reason, you are not completely satisfied with your tool, we will refund your purchase price at any time within 30 days of your original purchase (receipt required). If you want to return your product under our 30-day no risk trial offer (valid only for purchases made in the US), please contact us at 1-800-406-8998 or 208-772-0175 for return instructions.

BULLETPROOF WARRANTY GOLD (5 Year)

Bullet Tools™ warrants only to the original purchaser of this product, when purchased from an authorized reseller or distributor, that this product will be free from defects in material and workmanship under normal use and service for five (5) years from initial purchase. This warranty includes all parts except the blade and cosmetic appearance (chips, dings, scratches) caused by normal use and wear. This warranty does not cover any damage due to accident, misuse, abuse or negligence. Further, it is valid only if the product is used with the cut products specified in the cut guide. Please refer to the User Guide for details or call Bullet Tools™ technical support. In order to recover under this limited warranty, the purchaser must make claim to Bullet Tools™ within 60 days of occurrence and must present acceptable proof of original ownership (such as original receipt, warranty card registration, on-line registration, or other documentation Bullet Tools™ deems acceptable) for the product. Bullet Tools™, at its option, shall repair or replace the defective unit covered by this warranty. To obtain warranty service, please contact Bullet Tools™ at 1-800-406-8998 or 1-208-772-0175, for pre-authorization and further instructions.

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